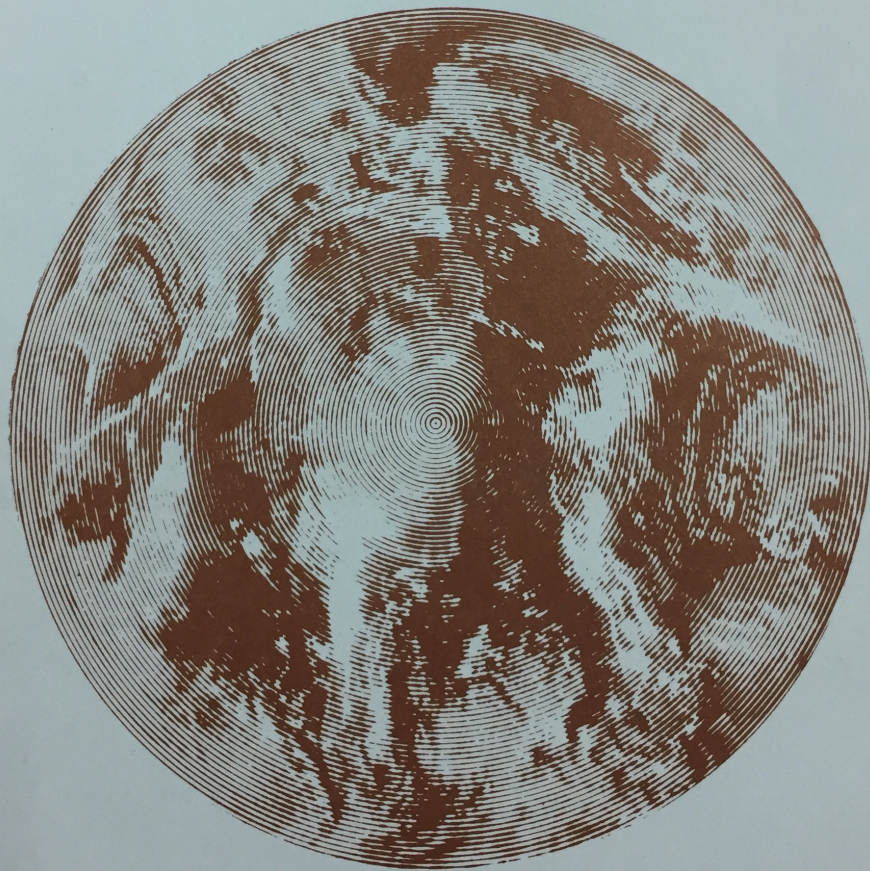


WORLD WEATHER PROGRAM

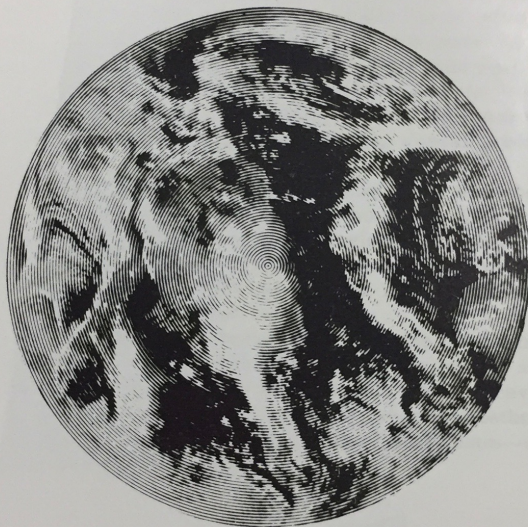
PLAN FOR FISCAL YEAR 1971



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WORLD WEATHER PROGRAM

PLAN FOR FISCAL YEAR 1971



DEPARTMENT OF COMMERCE
DEPARTMENT OF DEFENSE
DEPARTMENT OF INTERIOR
DEPARTMENT OF STATE
DEPARTMENT OF TRANSPORTATION
ATOMIC ENERGY COMMISSION
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
NATIONAL SCIENCE FOUNDATION

To the Congress of the United States

In accordance with Senate Concurrent Resolution 67 of the 90th Congress, I am forwarding to you the second Annual Plan for United States' Participation in the World Weather Program. This report reviews the progress made during the past year and describes the activities planned by the Federal agencies for the coming fiscal year.

Progress in the World Weather Program has been significant. Of particular import is that, through the United States' effort in space, we have seen the development and testing of an instrument which is capable of measuring globally from a satellite the temperature distribution of our total atmosphere. This represents a giant stride forward. It holds promise of providing data from over the oceans and other remote areas, heretofore unavailable, which are essential for providing weather predictions to our people.

On another front, it is most encouraging to note the progress in international cooperation in this area. Nations have joined hands in moving forward with a program to assist developing countries in improving their meteorological services. And the nations of the world are coming together this month to decide on the next major steps in the research activities of the World Weather Program.

The World Weather Program focuses on the important problem of understanding our global atmosphere. Whether we are attempting to assess the impact of pollutants on the quality of our environment, or trying to improve the accuracy and time range of weather prediction, these activities are vital to the people of the United States—to their safety and to their economic well-being.

Richard Nixon

THE WHITE HOUSE,
April 1970.

Preface

The ever changing global atmosphere has an important influence on most activities of man. At times, the day-to-day changes are critical to his safety; and the weather frequently influences his effectiveness in the pursuit of his livelihood. In the longer term, the quality of the atmosphere may well determine whether man survives or perishes.

This *World Weather Program Plan for Fiscal Year 1971* describes the U.S. effort to bring about improved weather services for its people through a cooperative international effort. This *Plan* is specifically in response to Senate Concurrent Resolution 67 of the 90th Congress which stated that the United States should participate in and give full support to the World Weather Program.

The first *Plan* covering FY-70 was transmitted to the Congress by President Nixon on March 13, 1969. Because that *Plan* was the first in a series, it contained background material on the chronology, rationale, and description of the two major components of the World Weather Program—the World Weather Watch and the Global Atmospheric Research Program—and the supporting Systems Design and Technological Development Program.

This *Plan* is divided into five sections. Significant events occurring in 1969 are highlighted in the first section. The World Weather Program and its goals are described briefly in the next section, followed by a narrative on the World Weather Program Plan for the future. The fourth section contains specific information on relevant U. S. programs for FY-71. The last section is a fiscal summary of these programs.

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